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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,631	08/28/2003	Aaron Lloyd Freeman	3289W	7494

7590 08/26/2005
Robert O. Blinn
P.O. Box 75144
Wichita, KS 67275-0144

EXAMINER

KASENGE, CHARLES R

ART UNIT PAPER NUMBER

2125

DATE MAILED: 08/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/650,631

Applicant(s)

FREEMAN ET AL.

Examiner

Charles R. Kasenge

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 June 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 10-20 is/are rejected.
- 7) ☐ Claim(s) 8 and 9 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see Remarks, filed 6/10/05, with respect to the rejection(s) of the claim(s) under 35 U.S.C. 102(b) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Fung.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. Claims 1-7 and 10-20 are rejected under 35 U.S.C. 102(a) as being anticipated by Fung. Referring to claims 1, 2, 14, and 17, Fung discloses in combination with an irrigation system having system components such as a water supply valve or a water supply pump and valves for selectively directing water to irrigation devices in at least one irrigation zone, an irrigation control system comprising: an irrigation controller including a microprocessor and a memory (pg. 8, ¶3) for storing irrigation program data and schedule data corresponding to the time and duration of the flow of water to said at least one irrigation zone (pg. 32, ¶2), said microprocessor for producing control signals for activating components of the irrigation system, said microprocessor and said memory including an embedded Web server for communicating said irrigation program data and schedule data to and from HTML formats (pg. 14, last ¶), an at least

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one relay in communication with said microprocessor for receiving said control signals and for switching electrical currents to said system components in response to said signals for activation of said system components (pg. 11), an Ethernet connection device for connecting said microprocessor to a LAN, whereby a network accessing device having a Web browser connected to said LAN may be used to interactively access said embedded Web server of said irrigation controller for viewing and changing of said irrigation program and schedule data (pg. 20, ¶1). Fung discloses the system of claim 1, wherein, the Ethernet connection device is an on-board Ethernet chipset. The Office interprets the use of LAN as implicitly disclosing the use of Ethernet (pg. 8, ¶1).

Referring to claims 3, 10 and 11, Fung discloses the system of claim 1, wherein, said LAN is also connected to the Internet such that a network accessing device connected to the Internet and having a Web browser may be used to interactively access said embedded Web server of said irrigation controller for viewing and changing of said irrigation program and schedule data (pg. 2, ¶1;).

Referring 4-7, 12, 13, 15, 18, 19 and 20, Fung discloses the system of claim 1, further comprising: at least one weather sensor connected to said microprocessor and said memory storing weather data from said at least one weather sensor so that said network accessing device may be used to interactively access said embedded Web server to view said weather data (pg. 2, ¶4 and pg. 21, ¶2). Fung discloses the system of claim 1, wherein, said HTML formats include a program and schedule form for viewing and changing program data including program names and run times for each zone and schedule data including start times for each program (pg. 14, ¶2

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and pg. 20, ¶5). Fung discloses the system of claim 1, wherein said at least one relay is a triac (pg. 11, ¶2).

Allowable Subject Matter

4. Claims 8 and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles R Kasenge whose telephone number is 571 272-3743. The examiner can normally be reached on Monday through Friday, 8:30 - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on 571 272-3749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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CK

August 22, 2005

Albert W. Paladini 8-22-05
ALBERT W. PALADINI
PRIMARY EXAMINER